

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Richard Reisman

Atty. Docket No. RR3

Appln. No.: 08/982,157

Group Art Unit: 2782

Filed: December 1, 1997

Examiner: Thomas Lee

For: **COMPUTER-IMPLEMENTED TRANSPORT OF ELECTRONIC INFORMATION OBJECTS**

SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. §1.115

Honorable Assistant Commissioner  
of Patents  
Washington, D.C. 20231

Sir:

04/03/2000 DHALL1 00000001 10237E 08/982,157  
01 FC:202 In response to the Office Action dated July 21, 1999, the responsive Amendment filed December 21, 1999, and numerous personal and telephone interviews conducted between 2/1/2000 and 2/29/2000, please amend the above-identified application as follows:

IN THE CLAIMS:

Please **CANCEL** claims 34, 35, 38, 43, 44, 46, 50-56, 58, 60, 63, 64, 68-72, 75, 80, 84-100, and 105-107 without prejudice to or disclaimer of the subject matter thereof and **AMEND** claims 36, 37, 39, 40, 41, 42, 45, 47, 48, 49, 57, 59, 61, 62, 65, 66, 67, 73, 74, 76, 77, 78, 83, 101, 102, 103, and 104 as follows:

36. (Twice Amended) [The information transporter according to claim 34] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

- (a) a communications module which effects the fetching or sending of information objects

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across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) an object manifest specifying at least one information object to be transported;

wherein a higher level software entity can be invoked to modify the object manifest, and

wherein the higher level software entity comprises a viewer for at least one content type available on the communications network, the content type being selected from the group consisting of multimedia formats, video formats, sound formats and hypertext markup language ("HTML").

2/  
37. (Twice Amended) [The information transporter according to claim 36] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) an object manifest specifying at least one information object to be transported;

wherein a higher level software entity can be invoked to modify the object manifest,

wherein the higher level software entity comprises a viewer for at least one content type available on the communications network, the content type being selected from the group consisting of multimedia formats, video formats, sound formats and hypertext markup language ("HTML"), and

*p1 end* wherein the communications network is the Internet.

*339* (Twice Amended) [The information transporter according to claim 34] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) an object manifest specifying at least one information object to be transported;

wherein:

i) the communications network is a broadcast network comprising multiple user stations each provided with the information transporter;

ii) at least one of the remote sources broadcasts a data stream across the network for receipt by the user stations; [and]

iii) the object manifest at each user station defines data stream content elements for receipt by the user station; and

iv) a higher level software entity can be invoked to modify the object manifest.

*40* (Twice Amended) [The information transporter according to claim 34,] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) an object manifest specifying at least one information object to be transported,

wherein:

i) the communications network comprises a group of user stations each provided with the information transporter and each being a client station of an information object distribution service provided by at least one of the remote sources;

ii) the at least one remote source has, for each user station, an object manifest received across the network from the user station and specifying user station identification information; [and]

iii) each user station repeatedly receives objects transported by the at least one remote source; and

iv) a higher level software entity can be invoked to modify the object manifest.

5/41. (Twice Amended) [The information transporter according to claim 40, wherein] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in

accordance with:

- i) a source address for the at least one remote source; and
- ii) an object manifest specifying at least one information object to be transported,

wherein:

i) the communications network comprises a group of user stations each provided with the information transporter and each being a client station of an information object distribution service provided by at least one of the remote sources;

ii) the at least one remote source has, for each user station, an object manifest received across the network from the user station and specifying user station identification information;

iii) each user station repeatedly receives objects transported by the at least one remote source;

iv) a higher level software entity can be invoked to modify the object manifest; and

v) the object manifest received at the remote source specifies user-desired content and the information objects transported by the remote source to the user station are selected according to the user-desired content specification.

42. (Twice Amended) [The information transporter according to claim 41, wherein] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) an object manifest specifying at least one information object to be transported,

wherein:

i) the communications network comprises a group of user stations each provided with the information transporter and each being a client station of an information object distribution service provided by at least one of the remote sources;

ii) the at least one remote source has, for each user station, an object manifest received across the network from the user station and specifying user station identification information;

iii) each user station repeatedly receives objects transported by the at least one remote source;

iv) a higher level software entity can be invoked to modify the object manifest;

v) the object manifest received at the remote source specifies user-desired content and the information objects transported by the remote source to the user station are selected according to the user-desired content specification; and

vi) the user-desired content specification comprises a generic or an alias name to request a latest installment, version or update.

45. (Twice Amended) An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) transport control module which controls transport of the information objects in accordance with:

- i) a source address for the at least one remote source [station]; and
- ii) an object manifest specifying at least one information object to be transported;

wherein:

i) the communications network comprises a group of user stations each provided with the information transporter and each being a client station of an information object distribution service provided by at least one of the remote sources:

ii) the at least one of the remote sources has, for each user station, an object manifest received across the network from the user station and specifying user station identification information;

iii) each object manifest contains user-specified information object selections; and

iv) each user station transporter is scheduled to communicate repeatedly and automatically with the at least one of the remote sources and fetch information objects meeting the user-specified information object selections.

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47. (Twice Amended) [The information transporter according to claim 34,] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

- i) a source address for the at least one remote source; and
- ii) an object manifest specifying at least one information object to be transported;

wherein:

i) the communications network comprises a group of user stations each provided with the information transporter and each being a client station of an information object distribution service provided by at least one of the remote sources;

ii) the at least one of the remote sources has, for each user station, an object manifest received across the network from the user station and comprising user-specified information object selections; and

iii) each user station transporter can fetch or receive a response object from the one of the remote sources providing the user-specified information object selections; and

iv) a higher level software entity can be invoked to modify the object manifest.

38. (Twice Amended) [The information transporter according to claim 34,] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) an object manifest specifying at least one information object to be transported; wherein a higher level software entity can be invoked to modify the object manifest, and wherein the information transporter is embedded in a containing information product, the transporter functionality being activatable via the information product.

49. (Twice Amended) [The information transporter according to claim 48,] An automated



electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) an object manifest specifying at least one information object to be transported;

wherein a higher level software entity can be invoked to modify the object manifest,

wherein the information transporter is embedded in a containing information product, the transporter functionality being activatable via the information product, and

wherein the containing information product is selected from the group consisting of self-updated software products, self-updating database products, CD-ROM resident products, online hybrid products, Internet access products, offline Internet access products, mobile Internet access products, short-session Internet access products, or intelligent appliance products.

57. (Twice Amended) [The information transporter according to claim 34,] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in

accordance with:

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- i) a source address for the at least one remote source; and
  - ii) an object manifest specifying at least one information object to be transported;  
wherein a higher level software entity can be invoked to modify the object manifest, and  
wherein the transport control module specifies object processing actions required to [prepare or receive] integrate an object [for or from] into one of an application and an information product on the user station subsequent to transport.

*1259* (Twice Amended) [The information transporter according to claim 34,] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

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(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

- i) a source address for the at least one remote source; and
- ii) an object manifest specifying at least one information object to be transported;  
wherein a higher level software entity can be invoked to modify the object manifest, and  
wherein the manifest list is mobile and transportable in the transport session, moving in a predetermined direction between the source station and the user station to request at least one information object to be sent in the other direction between the source station and the user station.

*13*  
*61* (Twice Amended) An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing

access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

i) a source address for the at least one remote source [station]; and

ii) an object manifest specifying at least one information object to be transported;

wherein:

the transport control module uses an object manifest comprising at least one of a send object list, and a fetch object list, and

the user station includes a user interface provided by a vendor associated with the source, and the object manifest is created under control of the user interface from choices supplied by the vendor.

62. (Twice Amended) [The information transporter according to claim 58, wherein] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) an object manifest specifying at least one information object to be transported;

wherein:

a higher level software entity can be invoked to modify the object manifest;

the user station is capable of executing multiple communications protocols;

the transport control module is responsive to a protocol selection code; and

the send object list comprises one or more object list elements selected from the group consisting of object action codes specifying source station actions required, object names, object sizes and response object size.

65. (Twice Amended) [The information transporter according to claim 64, wherein] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) an object manifest specifying at least one information object to be transported;

wherein:

a higher level software entity can be invoked to modify the object manifest;

the transport control module is responsive to a completed object manifest having codes to convey the status of the transport operation or to provide for transport of additional information objects, or both; and

for a send operation in which an information object is transported from the user station to the source [station], the completed object manifest comprises one or more manifest elements selected

from the group consisting of send object additional information, object acceptance codes returned by the source, time of object acceptance codes, response object names and a completion status code to terminate the send operation and return control.

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66. (Twice Amended) [The information transporter according to claim 65, wherein] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) an object manifest specifying at least one information object to be transported;

wherein:

a higher level software entity can be invoked to modify the object manifest;

the transport control module is responsive to a completed object manifest having codes to convey the status of the transport operation or to provide for transport of additional information objects, or both;

for a send operation in which an information object is transported from the user station to the source, the completed object manifest comprises one or more manifest elements selected from the group consisting of send object additional information, object acceptance codes returned by the source, time of object acceptance codes, response object names and a completion status code to terminate the send operation and return control; and

the completed object manifest further comprises polling indicator codes enabling polling of

the user station by the source [station] for readiness to perform additional transport operations.

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67. (Twice Amended) [The information transporter according to claim 65, wherein] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) an object manifest specifying at least one information object to be transported;

wherein:

a higher level software entity can be invoked to modify the object manifest

the transport control module is responsive to a completed object manifest having codes to convey the status of the transport operation or to provide for transport of additional information objects, or both;

for a send operation in which an information object is transported from the user station to the source, the completed object manifest comprises one or more manifest elements selected from the group consisting of send object additional information, object acceptance codes returned by the source, time of object acceptance codes, response object names and a completion status code to terminate the send operation and return control; and

the completed object manifest further comprises scheduled update indicator codes enabling scheduled fetching of updates by the user station from the source [station].

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18/3. (Twice Amended) [The information transporter according to claim 34,] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) an object manifest specifying at least one information object to be transported;

wherein a higher level software entity can be invoked to modify the object manifest, and wherein:

the transport control module comprises a transport software component embeddable in a vendor-provided information product;

the vendor provides update objects from a selected source; and

the transport software component is separately suppliable to multiple vendors of respective information products.

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74. (Twice Amended) [The information transporter according to claim 73, wherein] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a communications module which effects the fetching or sending of information objects across the network between at least one of the remote sources and persistent storage at the user station; and

(b) a transport control module which controls transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) an object manifest specifying at least one information object to be transported;

wherein:

a higher level software entity can be invoked to modify the object manifest;

the transport control module comprises a transport software component embeddable in a vendor-provided information product;

the vendor provides update objects from a selected source;

the transport software component is separately suppliable to multiple vendors of respective information products; and

the transport software component further comprises a vendor-related user interface permitting specification of transport objects in the object manifest.

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26. (Twice Amended) [The method according to claim 75,] A method of controlling transport of information objects between persistent storage at a user station and a remote information object source on a communications network <sup>using</sup> an information transporter comprising a communications module for sending and receiving information objects on the network and wherein the method comprises:

(a) communicating object transport specifications, including a source address for the remote information object source, between the information transporter and a higher level software entity employing an object manifest listing at least one information object to be transported;

(b) activating the communications module to transport the at least one information object to or from the source address, in accordance with the object manifest; and

(c) scheduling the transporter to communicate repeatedly and automatically with the remote information object source and transport information objects.



wherein:

the communications network is a broadcast network comprising multiple user stations each provided with the information transporter; and

the remote information object source broadcasts a data stream across the network for receipt by the user stations, the method further comprising:

(d) receiving at each user station data stream content elements defined by specifications in the object manifest.

21/ 77. (Twice Amended) [The method according to claim 75,] A method of controlling transport of information objects between persistent storage at a user station and a remote source on a communications network <sup>using</sup> an information transporter comprising a communications module for sending and receiving information objects on the network and wherein the method comprises:

(a) communicating object transport specifications, including a source address for the remote source, between the information transporter and a higher level software entity employing an object manifest listing at least one information object to be transported;

(b) activating the communications module to transport the at least one information object to or from the source address, in accordance with the object manifest; and

(c) scheduling the transporter to communicate repeatedly and automatically with the remote source and transport information objects.

wherein the communications network comprises a group of user stations each provided with the information transporter and each being a client station of an information object distribution service provided by the remote information object source, the method further comprising:

(d) sending to the remote information object source from each user station an object manifest specifying user station identification information; and

(e) repeatedly transporting information objects to each user station from the remote information object source.

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78. (Twice Amended) [The method according to claim 77] A method of controlling transport of information objects between persistent storage at a user station and a remote information object source on a communications network <sup>using</sup> an information transporter comprising a communications module for sending and receiving information objects on the network and wherein the method comprises:

(a) communicating object transport specifications, including a source address for the remote information object source, between the information transporter and a higher level software entity employing an object manifest listing at least one information object to be transported;

(b) activating the communications module to transport the at least one information object to or from the source address, in accordance with the object manifest; and

(c) scheduling the transporter to communicate repeatedly and automatically with the remote information object source and transport information objects,

wherein the communications network comprises a group of user stations each provided with the information transporter and each being a client station of an information object distribution service provided by the remote information object source, the method further comprising:

(d) sending to the remote information object source from each user station an object manifest specifying user station identification information; and

(e) repeatedly transporting information objects to each user station from the remote information object source,

wherein the object manifest received at the remote information object source specifies user-desired content with a generic or an alias name and wherein the method further comprises:

(f) the remote information object source sending to the user station the latest installment, version or update information objects selected according to the generic or alias name.

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83. (Twice Amended) [The method according to claim 75,] A method of controlling

transport of information objects between persistent storage at a user station and a remote information object source on a communications network <sup>using</sup> an information transporter comprising a communications module for sending and receiving information objects on the network and wherein the method comprises:

(a) communicating object transport specifications, including a source address for the remote information object source, between the information transporter and a higher level software entity employing an object manifest listing at least one information object to be transported;

(b) activating the communications module to transport the at least one information object to or from the source address, in accordance with the object manifest; and

(c) scheduling the transporter to communicate repeatedly and automatically with the remote information object source and transport information objects,

wherein the communications network comprises a group of user stations each provided with the information transporter and each being a client station of an information object distribution service provided by the remote source, the method further comprising:

(d) sending to the remote source, from each user station, an object manifest comprising user specified information object selections; and

(e) using each user station transporter to fetch or receive a response object from the remote source providing the user-specified information object selection.

27 101. (Amended) [The information transporter according to claim 95] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a separable communications module which selectively fetches or transports information objects across the network between at least one of the remote sources and the user station; and

(b) a transport control module which controls the transport of the information objects in

accordance with:

i) a source address for the at least one remote source; and

ii) a user-modifiable object manifest specifying at least one information object to be transported.

wherein:

i) the communications network is a broadcast network comprising multiple user stations each provided with the information transporter;

ii) the at least one of the remote sources broadcasts a data stream across the network for receipt by the user stations; and

iii) the object manifest at each user station defines data stream content elements for receipt by the user station.

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102. (Amended) [The information transporter according to claim 95] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a separable communications module which selectively fetches or transports information objects across the network between at least one of the remote sources and the user station; and

(b) a transport control module which controls the transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) a user-modifiable object manifest specifying at least one information object to be transported,

wherein:

i) the communications network comprises a group of user stations each provided with the information transporter and each being a client station of an information object distribution

service provided by the at least one of the remote sources;

ii) the at least one remote source has, for each user station, an object manifest received across the network from the user station and specifying user station identification information; and

iii) each user station repeatedly receives objects transported by the at least one remote source.

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103. (Amended) [The information transporter according to claim 95] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a separable communications module which selectively fetches or transports information objects across the network between at least one of the remote sources and the user station; and

(b) a transport control module which controls the transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) a user-modifiable object manifest specifying at least one information object to be transported,

wherein:

i) the communications network comprises a group of user stations each provided with the information transporter and each being a client station of an information object distribution service provided by the at least one of the remote sources:

ii) the at least one of the remote sources has, for each user station, an object manifest received across the network from the user station and comprising user-specified information object selections; and

iii) each user station transporter can fetch or receive a response object from the one

of the remote sources providing the user-specified information object selections.

<sup>30</sup>  
104. (Amended) [The information transporter according to claim 95] An automated electronic information transporter located at a user station for controlling transport of information objects on a communications network providing access to multiple remote sources, the information transporter comprising:

(a) a separable communications module which selectively fetches or transports information objects across the network between at least one of the remote sources and the user station; and

(b) a transport control module which controls the transport of the information objects in accordance with:

i) a source address for the at least one remote source; and

ii) a user-modifiable object manifest specifying at least one information object to be

transported,

wherein:

the information transporter is embedded in a containing information product; and

the information transporter functionality can be activated during operation of the information product.

SERIAL NO.: 08/982,157

PATENT APPLICATION

SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. §1.115

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REMARKS

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Claims 36, 37, 39, 40, 41, 42, 45, 47, 48, 49, 57, 59, 61, 62, 65, 66, 67, 73, 74, 76, 77, 78, 79, 81, 82, 83, 101, 102, 103, and 104 are pending in the application as a result of the instant Amendment. In the Amendment, claims 36, 37, 39, 40, 41, 42, 45, 47, 48, 49, 57, 59, 61, 62, 65, 66, 67, 73, 74, 76, 77, 78, 83, 101, 102, 103, and 104 are amended as set forth in greater detail below.

The Transmittal Letter and attached check accompanying the Amendment forward the requisite Excess Claim Fee Payment for the addition of new claims 84-107 and for increasing the number of independent claims from 2 to 13.

The applicant is grateful for the courtesies extended to his representative during the Personal Interviews conducted on February 1, 2000, and February 25, 2000, as well as the telephone interview conducted during the period of February 2, 2000 and February 29, 2000.

The Applicant is also grateful for the indication during the February 29th telephone personal interview with Examiner Lee that claims 36, 37, 39, 40, 41, 42, 45, 47, 48, 49, 57, 59, 61, 62, 65, 66, 67, 73, 74, 76, 77, 78, 79, 81, 82, 83, 101, 102, 103, and 104 contain patentable subject matter. In the Amendment, claims 36, 37, 39, 40, 41, 42, 47, 48, 49, 57, 59, 62, 65, 66, 67, 73, 74, 76, 77, 78, 83, 101, 102, 103, and 104 are rewritten in independent form. In addition, claims 45, 57, 61, 65, 66, 67, 83, and 101-103 are amended for clarity.

Applicant notes that various references were cited by S.P.E. Lee as being pertinent to the claims pending as a result of the Amendment filed on December 21, 1999. Applicant requests that all of these references be made of record in the above-identified application.

In light of the amendments and remarks presented above, it is respectfully submitted that the application is in condition for allowance, and such action is hereby solicited.

SERIAL NO.: 08/982,157


PATENT APPLICATION

**SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. §1.115**

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If any points remain in issue which the Examiner feels may best be resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

Respectfully Submitted,



Raymond H. J. Powell, Jr.  
Reg. No. 34,231

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Date: March 7, 2000

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# AMENDMENT TRANSMITTAL LETTER (Small Entity)

Docket No.

Applicant(s):

RR3

Serial No.  
08/982,157

Filing Date  
01/01/1997

Examiner  
Thomas Lee

Group Art Unit  
2782

Invention: **COMPUTER-IMPLEMENTED TRANSPORT OF ELECTRONIC INFORMATION OBJECTS**

## TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is an amendment in the above-identified application.


- ☒ Small Entity status of this application has been established under 37 CFR 1.27 by a verified statement previously submitted.
- ☐ A verified statement to establish Small Entity status under 37 FR 1.27 is enclosed.

The fee has been calculated and is transmitted as shown below.

### CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	30 -	73 =	0 x	\$9.00	\$0.00
INDEP. CLAIMS	30 -	13 =	17 x	\$39.00	\$663.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$663.00

- ☐ No additional fee is required for amendment.
- ☒ Please charge Deposit Account No. **16-2372** in the amount of **\$663.00**
- ☐ A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. \_\_\_\_\_
- ☐ A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.

  
Signature

Dated: 03/07/2000

Raymond H. J. Powell, Jr.  
Registration No. 34,231

I certify that this document and fee is being deposited on \_\_\_\_\_ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

CC: